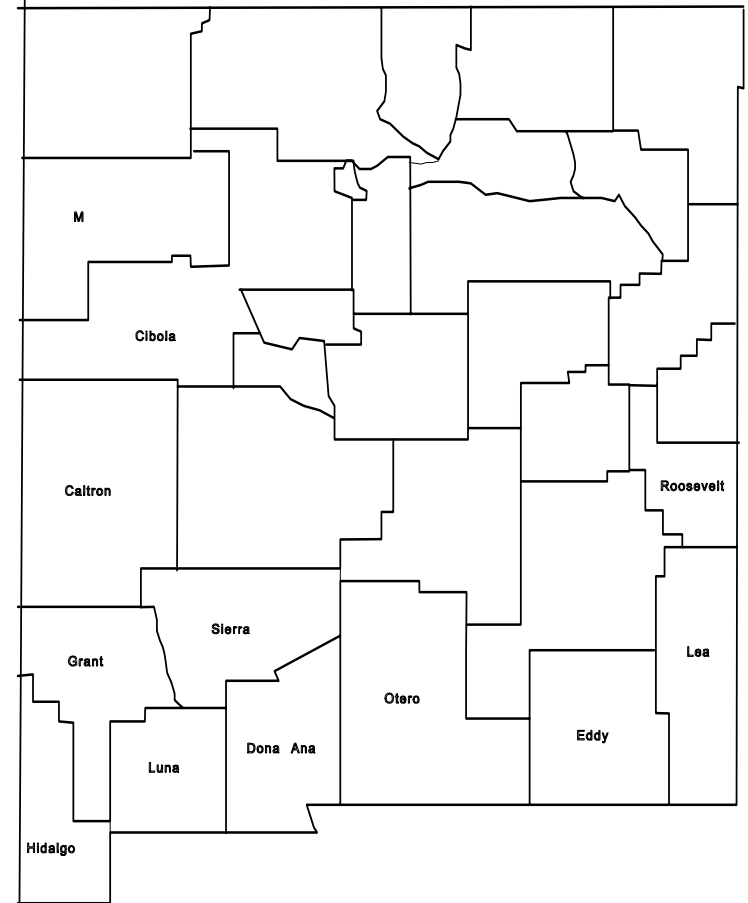


## Acequias Irrigation System, New Mexico

(Under construction)

There about one thousand acequias throughout the state of New Mexico, most of which are located in north-central New Mexico.

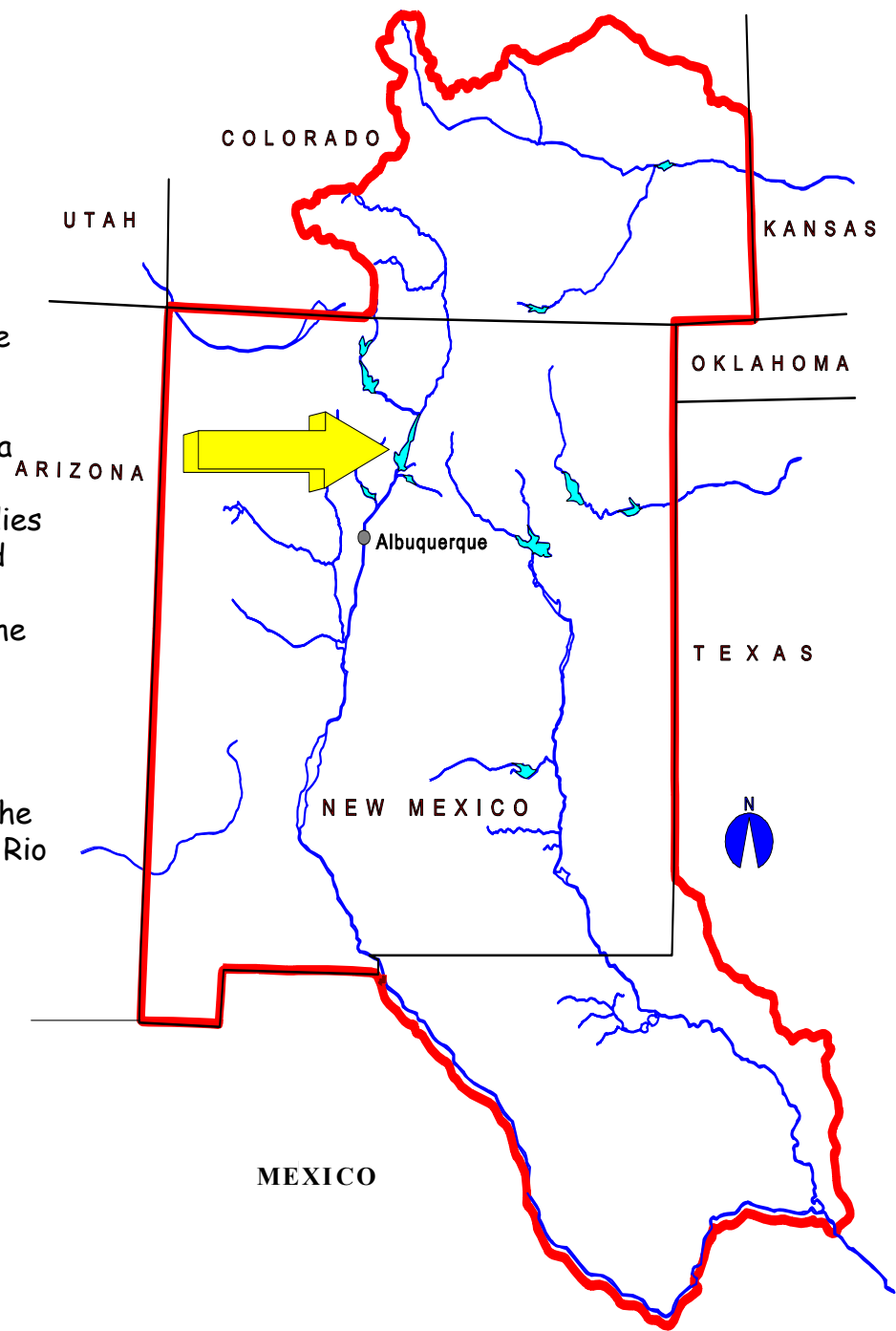
The project consists of the protection and restoration of the river diversions and associated canals. To date, thirty-seven Acequias restoration and protection projects have been completed.



# Cochiti Lake Baseline Study

The US Army Corps of Engineers, Albuquerque District and the Pueblo de Cochiti propose the conduct of an array of studies intended to characterize the interactions of Cochiti Dam and Lake with Tribal resources. The proposed studies will provide a baseline against which the impacts of any future operational changes at the reservoir may be evaluated. The proposed studies include surface and subsurface hydrological analysis, water and sediment quality and wildlife bioaccumulation, as well as assessments of biological, cultural, and economic resources. The project will directly contribute to an evaluation of alternative water management strategies that may benefit Southwestern Willow Flycatcher and Rio Grande Silvery Minnow.

The study may be funded through a congressional addition to the Cochiti Lake, NM O&M budget line item or through the Middle Rio Grande ESA Collaborative Program.



## Jemez Canyon Dam, New Mexico

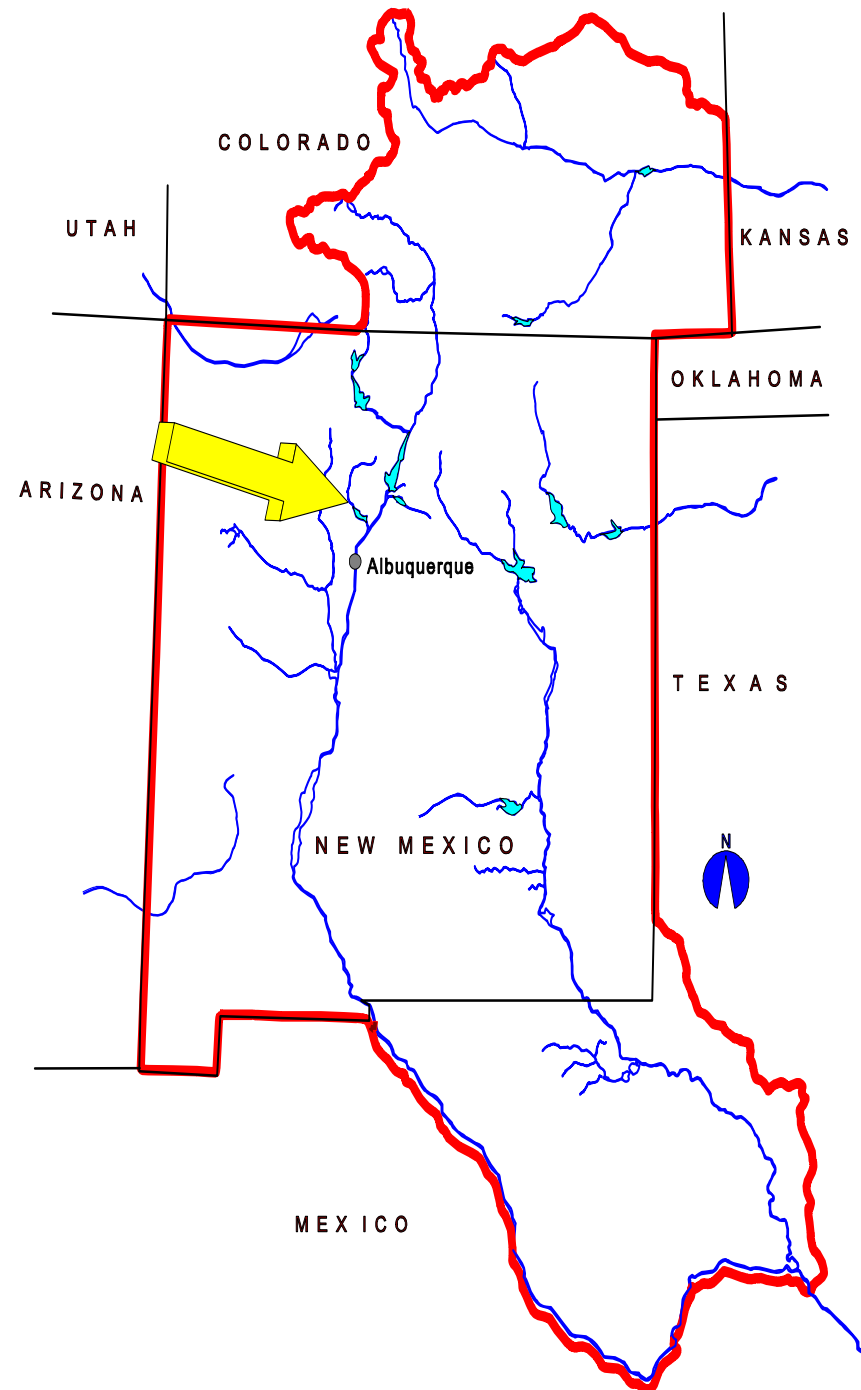
(Project operational in 1953)

The project is located in Sandoval County, New Mexico, on the Jemez River about 2 miles upstream of the confluence of the Jemez River and the Rio Grande, about 5 miles northwest of Bernalillo, New Mexico.

The project consists of an earthfill dam 780 feet long with a maximum height of 146.6 feet above streambed, an off-channel uncontrolled saddle spillway 400 feet wide and a 13-foot diameter gated outlet in the left abutment.

The dam controls flood waters from a 1,034 square mile drainage area.

Operation of this project is funded under the Operations and Maintenance appropriation.



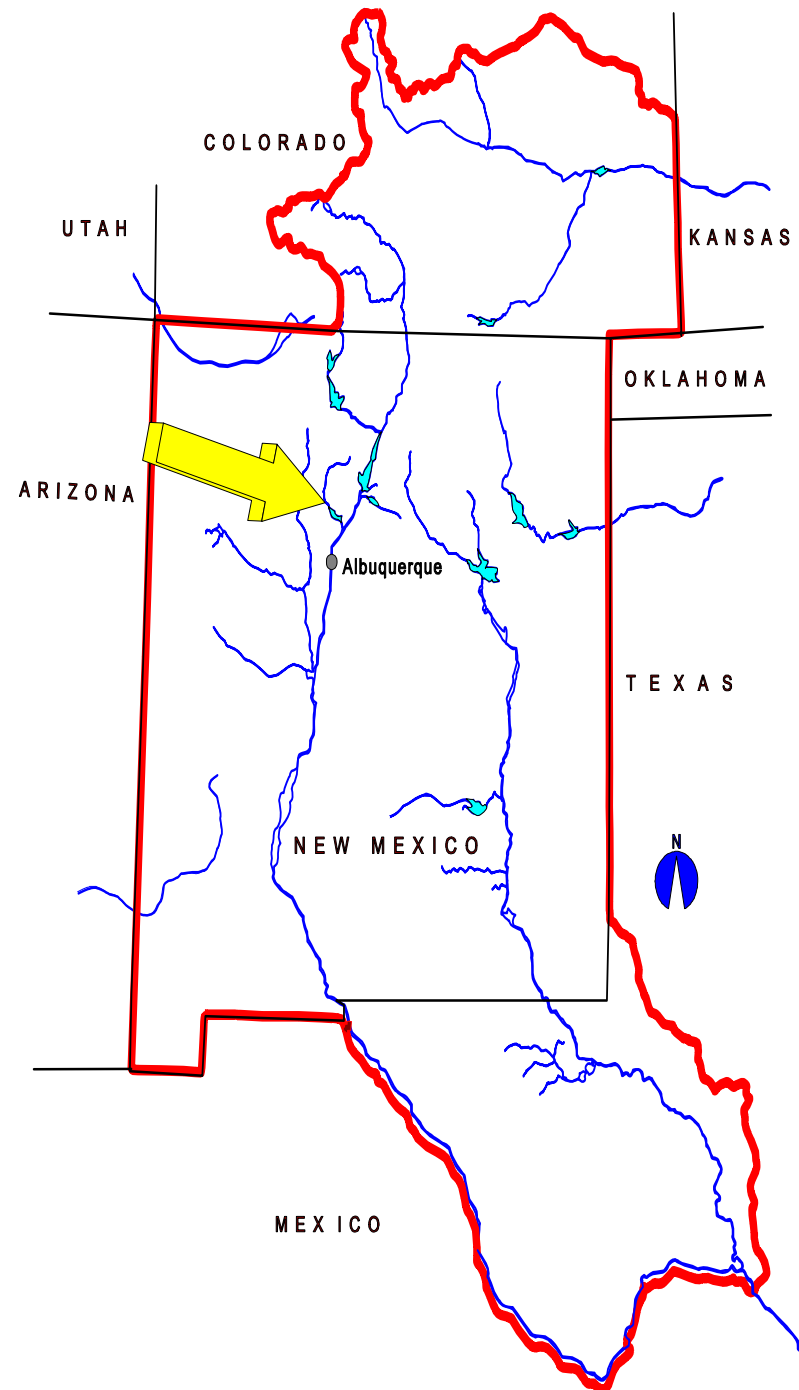
## Jemez Canyon Dam, New Mexico, Mitigation

(Project operational in 1953)

This existing, operating project is located in Sandoval County, New Mexico, on the Jemez River about 2 miles upstream of its confluence with the Rio Grande.

The Corps released 12,000 acre feet of water, under the direction of a court settlement to help in the survival of the Silvery Minnow, a Federally listed endangered species. Likely adverse impacts of the drawdown include: invasion by salt cedar; formation of an incised channel in the accumulated sediment; and an operability threat to the outlet structure. Mitigation efforts are on hold pending receipt of funding.

This project is funded under the Operations and Maintenance appropriation.



## **Albuquerque Bio-park Wetland Restoration, Albuquerque, New Mexico**

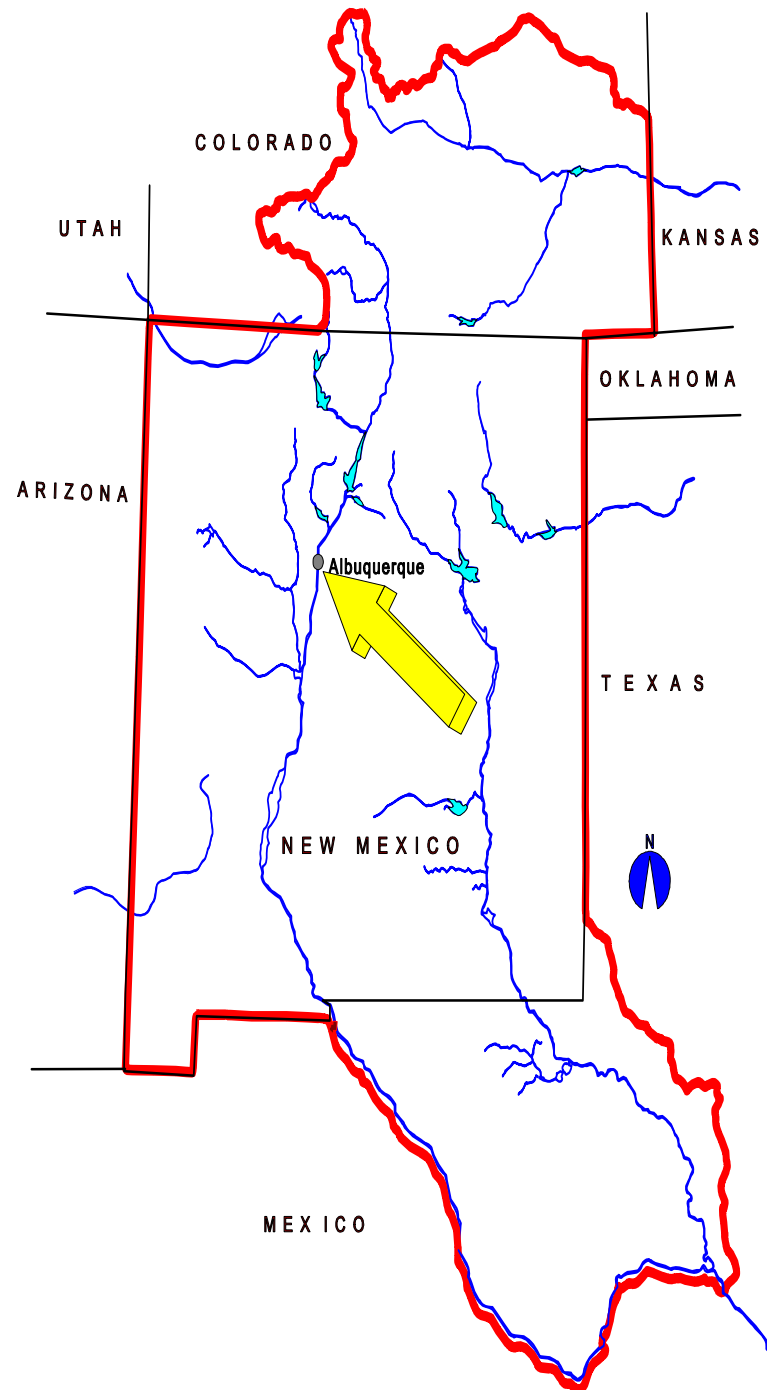
(Section 1135)

The proposed project consists of 18 acres of pond reconstruction, 13 acres of wetland restoration and 25 acres of riparian woodland (bosque) restoration along the Rio Grande in Albuquerque, New Mexico.

The feasibility report (Ecological Restoration Report) is about 50% complete, with approval scheduled for May 2003. Construction will start in November 2003.

The local sponsor for this project is the City of Albuquerque, New Mexico.

This project is funded under the Construction General appropriation.

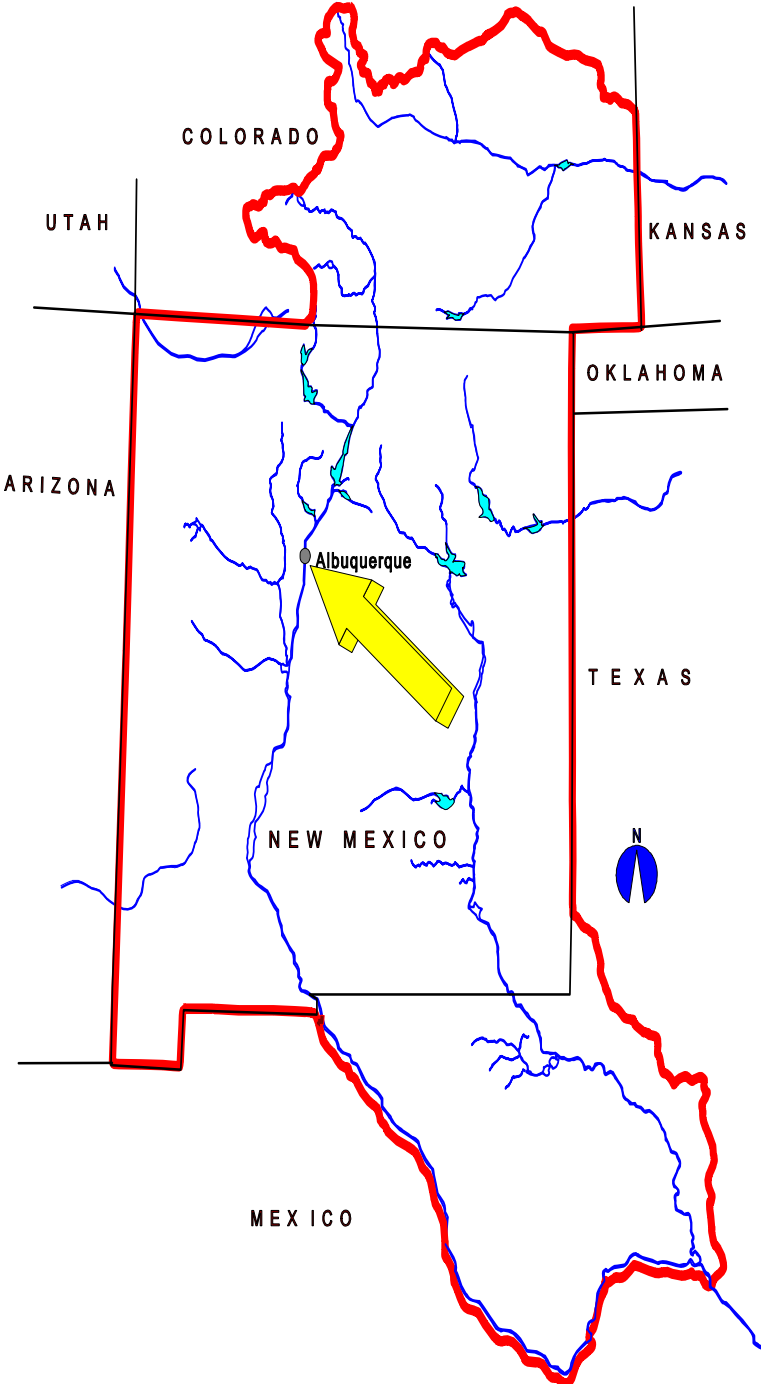


**Ecosystem Revitalization @ Route 66,  
New Mexico**  
(Section 1135)

The project is located on the Rio Grande in Albuquerque, New Mexico between I-25 and Bridge Street. The project consists of the removal of unnecessary jetty jacks and non-native species of plants, revegetation with native plants, removal of down and dead trees to reduce fire hazard, and improvement of recreational opportunities that are compatible with eco-system recreation.

The local sponsor for this project is the Middle Rio Grande Conservancy District.

This project is funded under the Construction General appropriation. Construction will be initiated in the third quarter of FY 04.



## **Middle Rio Grande Bosque, New Mexico**

(General Investigations)

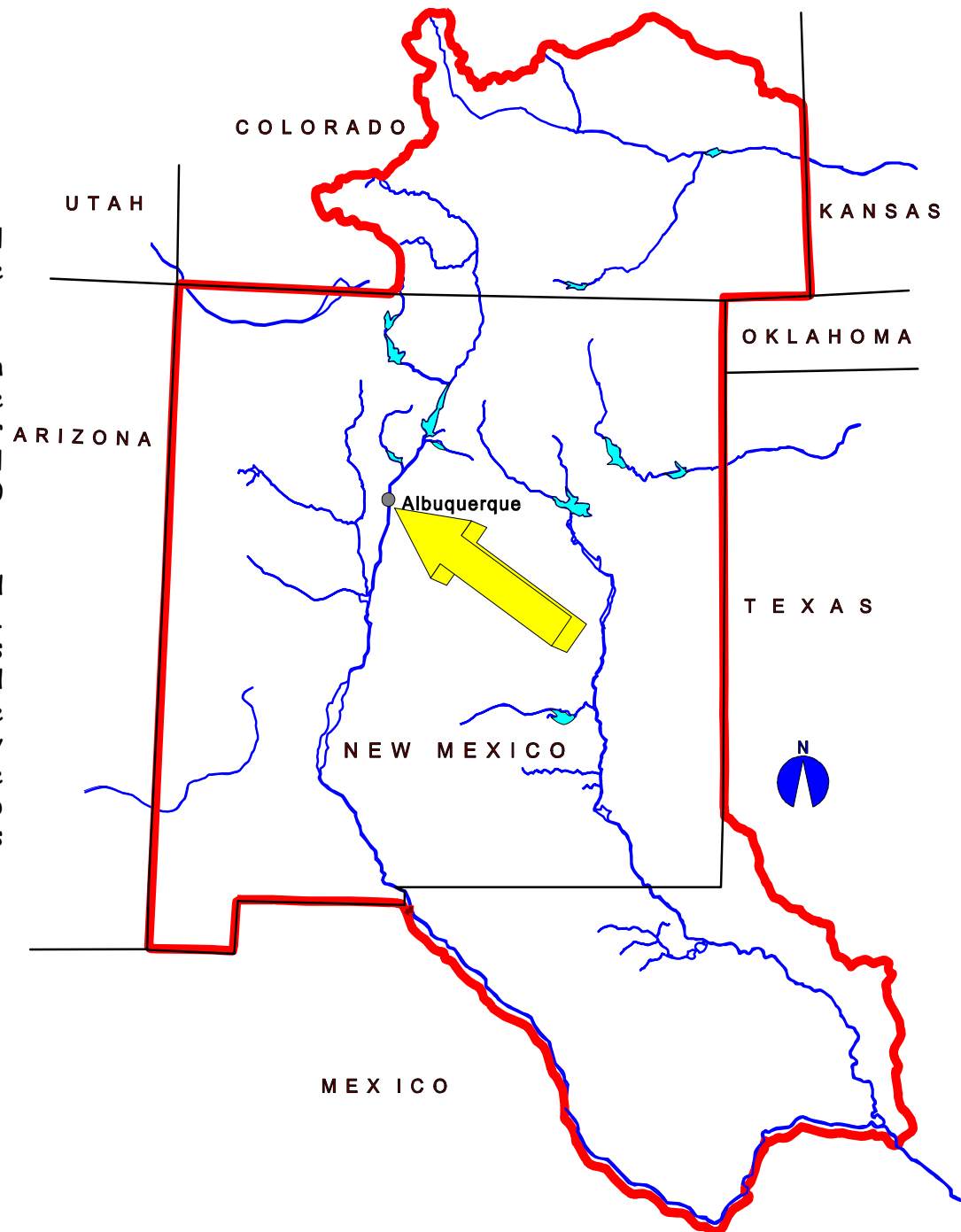
The Middle Rio Grande Basin is located in central New Mexico from Cochiti Reservoir to Elephant Butte Reservoir, some 180 miles south.

The study area within the Middle Rio Grande Basin will include the Bosque along the Rio Grande from the North Diversion Channel outfall through Albuquerque for approximately 14 miles to the South Diversion Channel outfall. The study area encompasses approximately 5000 acres.

The study will address eco-system restoration and recreation needs within the Middle Rio Grande Basin. The authority to perform the reconnaissance study was contained in Title I of H.R. 107-258, providing Energy and Water Development Appropriations for FY 2002. The study will evaluate current conditions within the study area and make recommendations in order to improve environmental quality, reduce fire potential, and develop passive recreation opportunities. The 905(b) report was approved in July 2002.

The local sponsor for this project is the Middle Rio Grande Conservancy District.

This project is funded under the General Investigations appropriation.

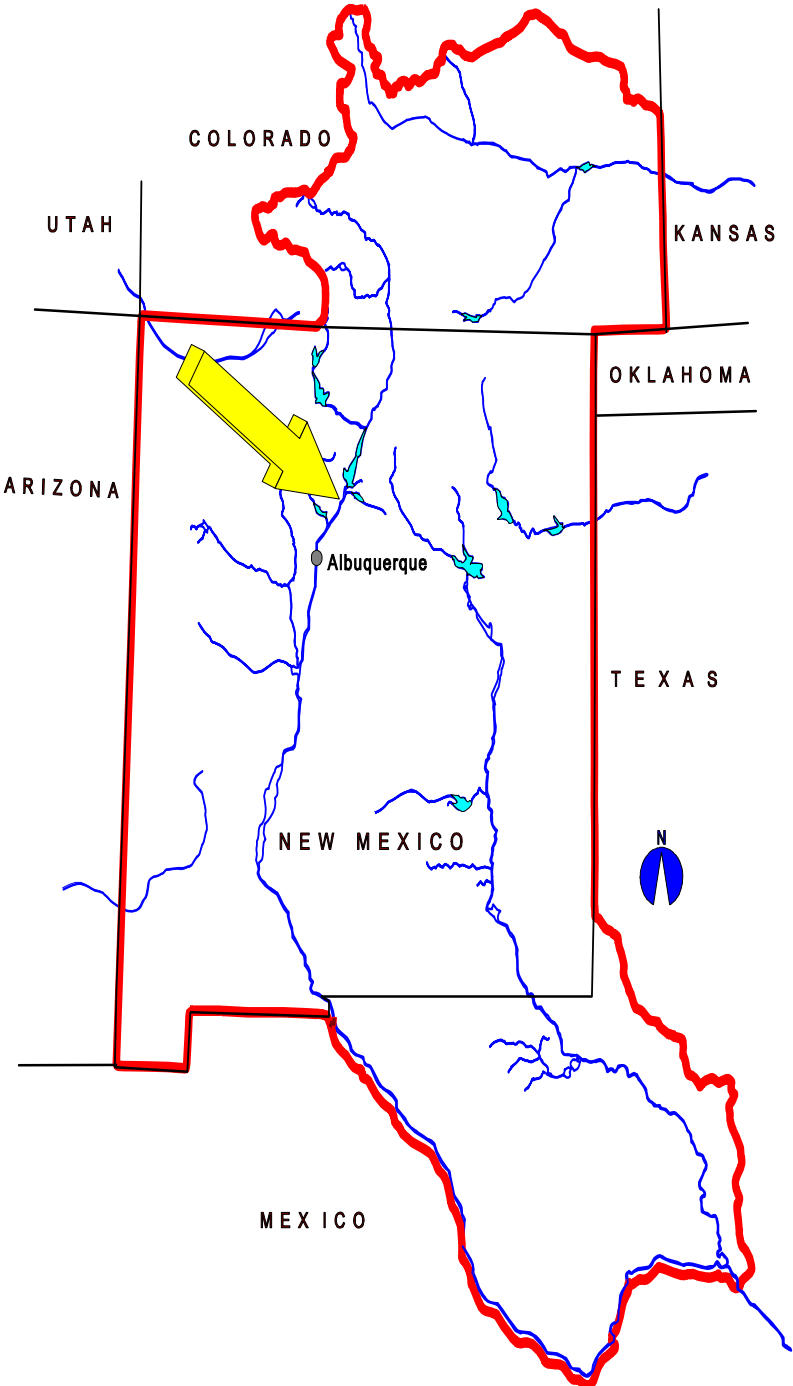


**Aquatic Habitat Restoration, Pueblo of Santa Ana  
Reservation, New Mexico**  
(Section 1135)

The proposed project will improve habitat conditions for the native aquatic community of the Rio Grande. Non-native tree species will be removed from approximately 100 acres of riparian woodland and the area replanted with native cottonwood and willow. Twenty acres of shrub wetland and meadow will be created. A primary project objective is the reestablishment of species with traditional importance for medicinal, ceremonial, and utilitarian uses by the Pueblo.

The Pueblo of Santa Ana is the local sponsor for this project.

This project is funded under the Construction General appropriation, Section 1135, Water Resources Development Act of 1986. Construction is scheduled to be initiated in FY 04.



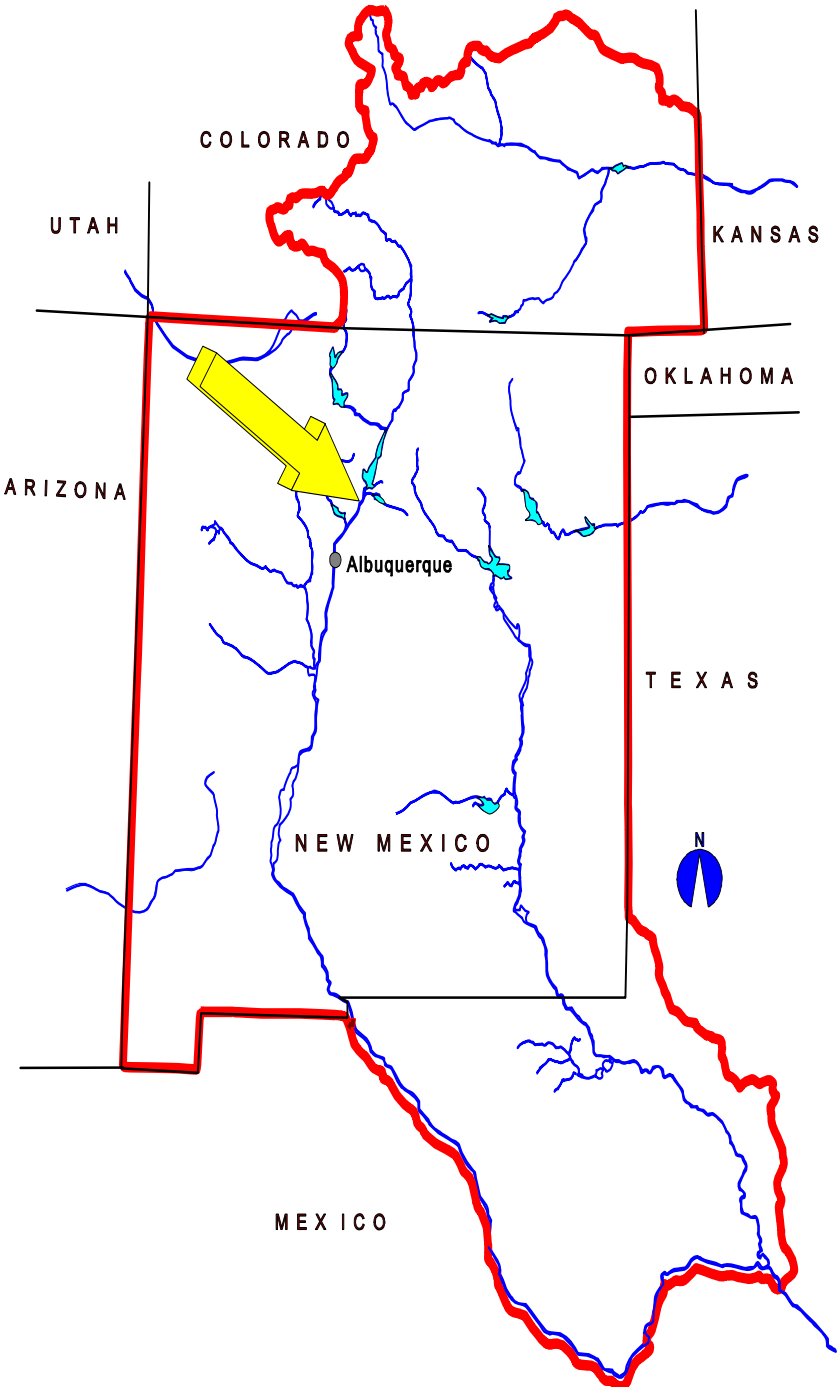


**Riparian and Wetland Restoration, Pueblo of Santa Ana Reservation, New Mexico**  
(Section 1135)

The proposed project will rehabilitate and restore degraded riverine habitat along the Rio Grande. Two grade restoration facilities and a bed sill will stabilize the severely entrenched riverbed and increase bankfull channel width.

The Pueblo of Santa Ana is the local sponsor for this project.

This project is funded under the Construction General appropriation, Section 1135, Water Resources Development Act of 1986. Construction is scheduled to be initiated during the fourth quarter of FY 03.

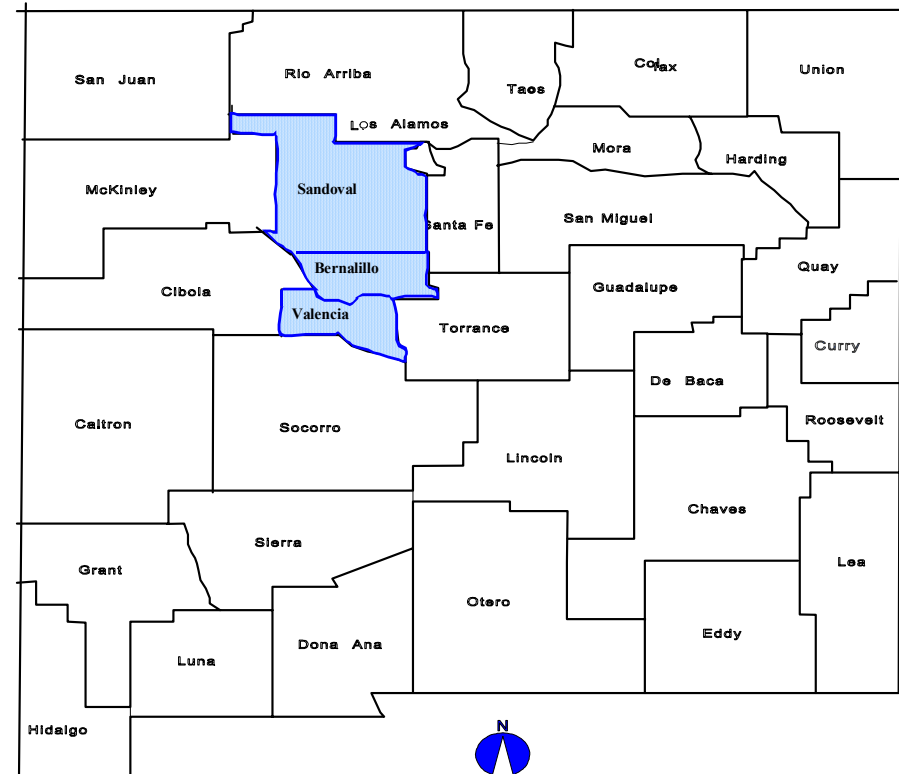


## Central New Mexico (Section 593)

(Construction General)

Section 593 was authorized in the Water Resources Development Act of 1999 (WRDA 99). The authority specifically applies to "Central New Mexico", defined as Bernalillo, Sandoval, and Valencia Counties. Section 593 authorizes the Corps of Engineers to provide assistance to non-Federal sponsors in the form of design and construction for water-related environmental infrastructure and resource protection and development of publicly owned projects, including projects for wastewater treatment and related facilities, water supply, conservation, and related facilities, storm water retention and remediation, environmental restoration, and surface water resource protection and development. Costs are shared on a 75% - 25% basis, with the Federal Government paying 75% and the non-Federal sponsor paying the remaining 25%.

We are currently in various stages of design and construction for numerous projects.



STATE OF NEW MEXICO

**Middle Rio Grande Flood Protection,  
Bernalillo to Belen, New Mexico**

(Corrales Unit - existing project)  
(Belen, Mountainview & Isleta Units - future construction)

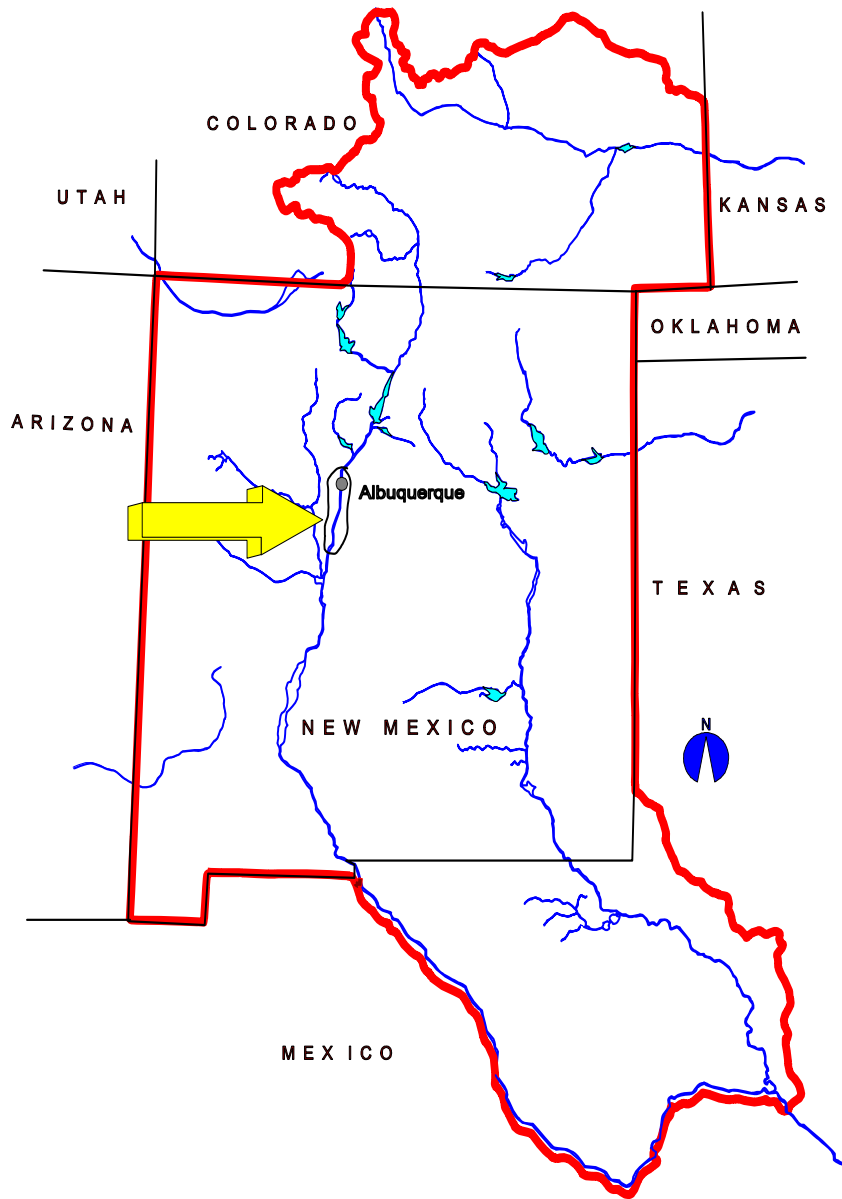
This authorized project is located along the Rio Grande between Corrales and Belen, New Mexico.

The project consists of raising and rehabilitating 50 miles of levees to provide the 270-year level of protection, the creation of 75 acres of wetlands from borrow areas within the bosque, and acquisition of 200 acres to satisfy fish and wildlife mitigation requirements.

Major developed areas (units), which will be protected, include Corrales, Los Lunas, Bosque Farms, Belen, Mountainview and Isleta Pueblo.

The construction of the Corrales Unit was completed in July 1997. A General Reevaluation Report for the other three units is currently underway, and is scheduled for completion in September 2004.

The project is funded under the Construction General appropriation.



## **Rio Grande Basin, Colorado, New Mexico and Texas (General Investigations)**

Basin studies are authorized by Section 729 of the Water Resources Development Act of 1986.

The Rio Grande Basin is located in the states of Colorado, New Mexico and Texas, and encompasses an area over 160,000 square miles, from the Rio Grande's headwaters in central Colorado to its mouth on the Gulf of Mexico near Brownsville, TX. Water conveyance and delivery, ecosystem degradation, and flooding are major issues in the basin. Water supply and flood control in the Rio Grande Basin fall under the management and jurisdiction of an international treaty and several Federal, State and local agencies. The study will identify ways to integrate the programs, policies, and resources of all concerned agencies into a multi-objective water resources plan.

Sponsorship has been established for the New Mexico part of the basin. However, the involvement of Texas and Colorado remains uncertain because of endangered species and water operation concerns.

